

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102418\
 Data File : VD060192.D
 Acq On : 24 Oct 2018 20:04
 Operator : JC/SY
 Sample : J5652-02
 Misc : 5.09/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VB16206-VB16207-V236-VB16209-V

Quant Time: Oct 25 04:33:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

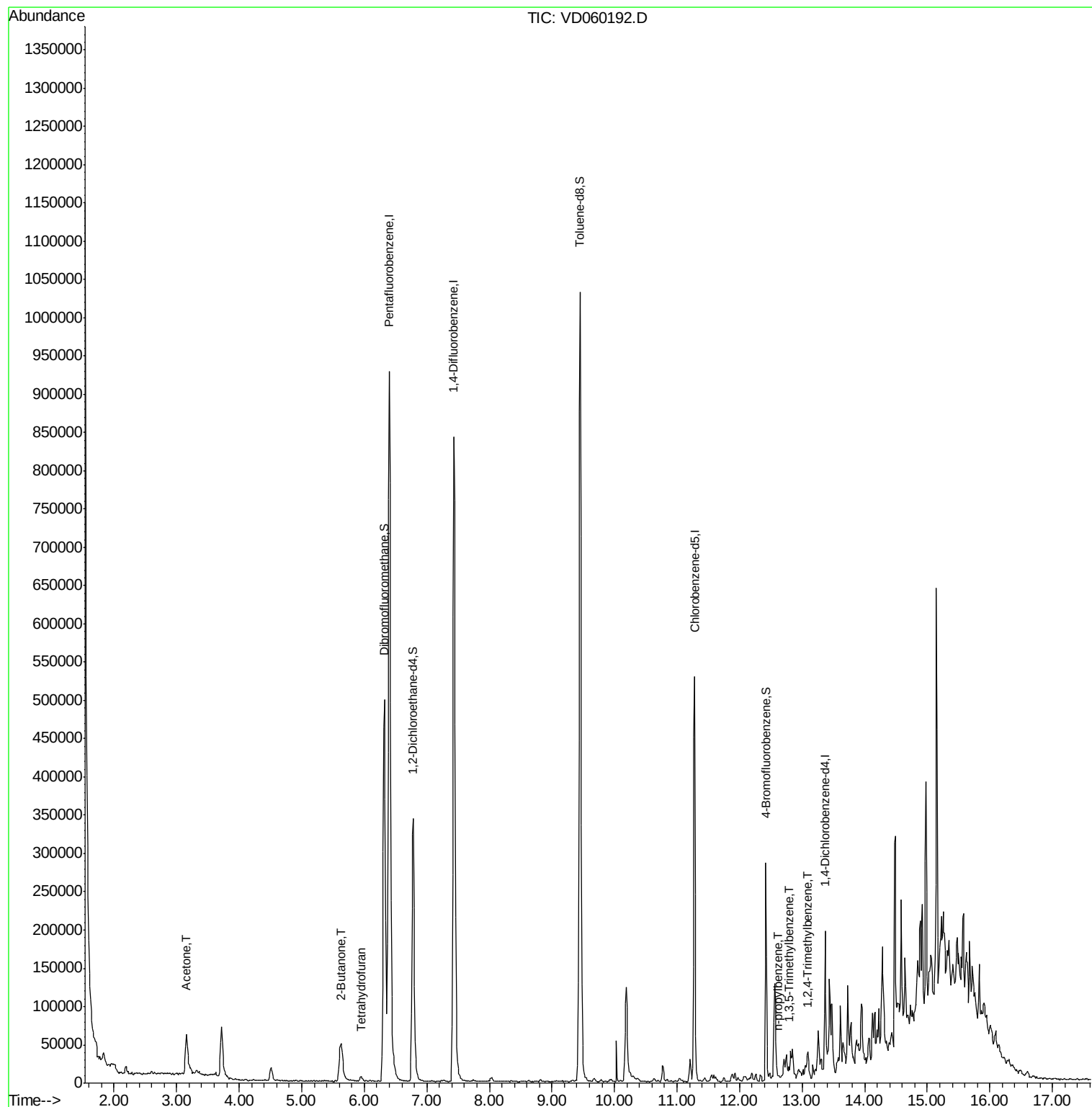
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	909957	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.43	114	899293	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.28	117	284797	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	37251	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	292123	42.35	ug/l	0.02
Spiked Amount 50.000			Recovery	=	84.70%	
35) Dibromofluoromethane	6.32	113	403213	59.04	ug/l	0.02
Spiked Amount 50.000			Recovery	=	118.08%	
50) Toluene-d8	9.45	98	818084	42.01	ug/l	0.01
Spiked Amount 50.000			Recovery	=	84.02%	
62) 4-Bromofluorobenzene	12.42	95	77990	10.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	21.40%	
Target Compounds						
16) Acetone	3.16	43	113295	90.520	ug/l	97
25) 2-Butanone	5.61	43	72399	23.154	ug/l	93
29) Tetrahydrofuran	5.95	42	5189	2.857	ug/l	94
78) n-propylbenzene	12.63	91	3179	1.042	ug/l	95
80) 1,3,5-Trimethylbenzene	12.79	105	5235	2.752	ug/l	96
84) 1,2,4-Trimethylbenzene	13.09	105	10844	5.410	ug/l	79

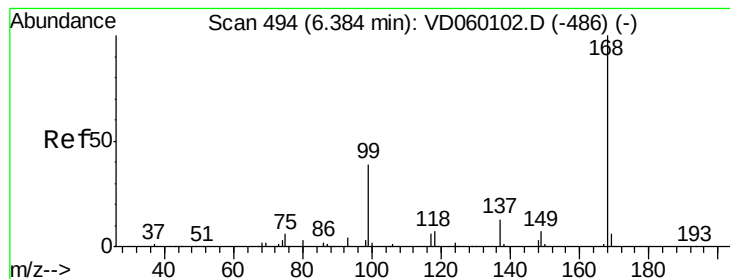
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102418\
Data File : VD060192.D
Acq On : 24 Oct 2018 20:04
Operator : JC/SY
Sample : J5652-02
Misc : 5.09/5ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VB16206-VB16207-V236-VB16209-V

Quant Time: Oct 25 04:33:41 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 495

Delta R.T. 0.01 min

Lab File: VD060192.D

Acq: 24 Oct 2018 20:04

Instrument :

MSVOA_D

ClientSampleId :

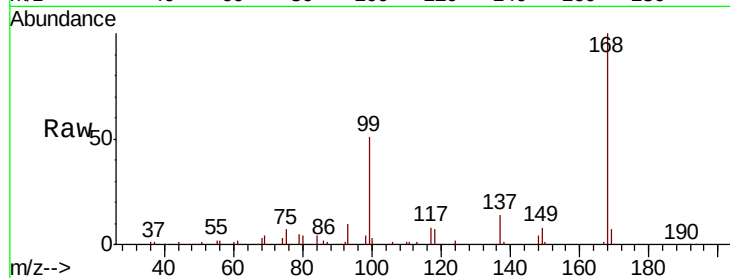
VB16206-VB16207-V236-VB16209-V

Tot Ion:168 Resp: 909957

Ion Ratio Lower Upper

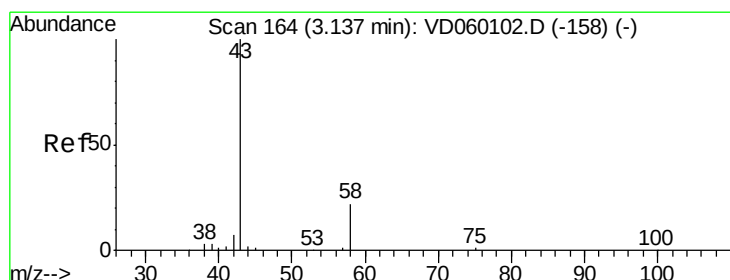
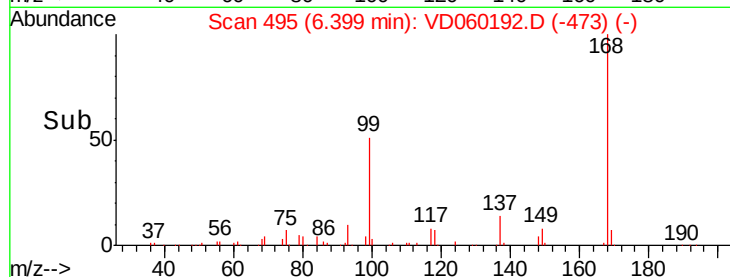
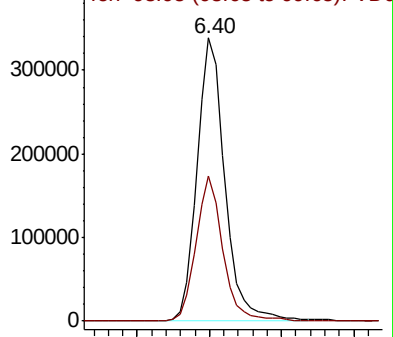
168 100

99 51.4 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 90.520 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060192.D

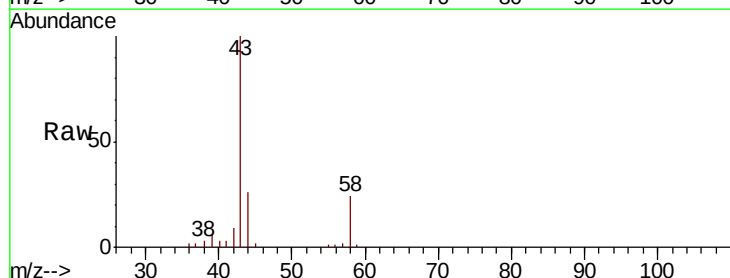
Acq: 24 Oct 2018 20:04

Tgt Ion: 43 Resp: 113295

Ion Ratio Lower Upper

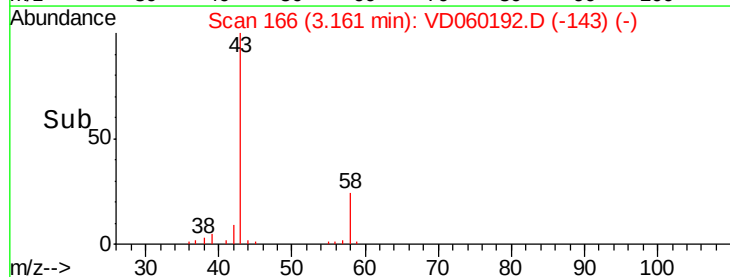
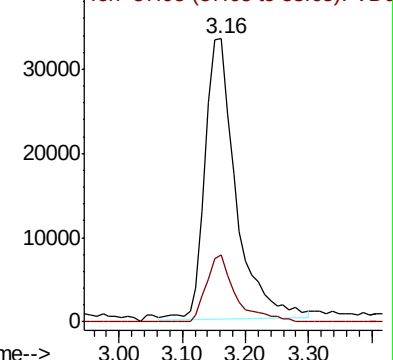
43 100

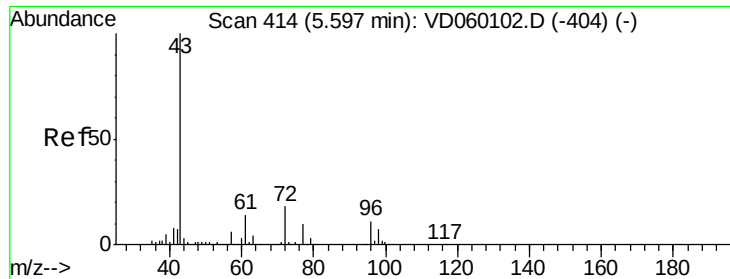
58 23.8 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 23.154 ug/l

RT: 5.61 min Scan# 415

Delta R.T. 0.01 min

Lab File: VD060192.D

Acq: 24 Oct 2018 20:04

Instrument :

MSVOA_D

ClientSampleId :

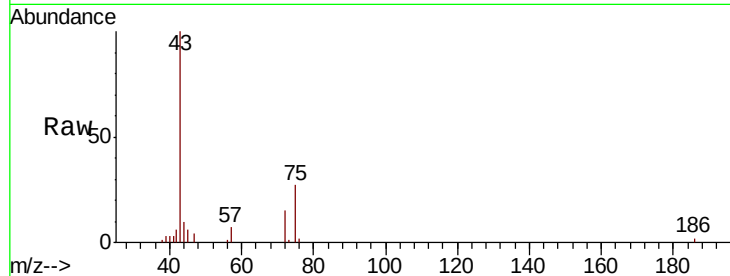
VB16206-VB16207-V236-VB16209-V

Tot Ion: 43 Resp: 72399

Ion Ratio Lower Upper

43 100

72 15.2 14.5 21.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

25000

20000

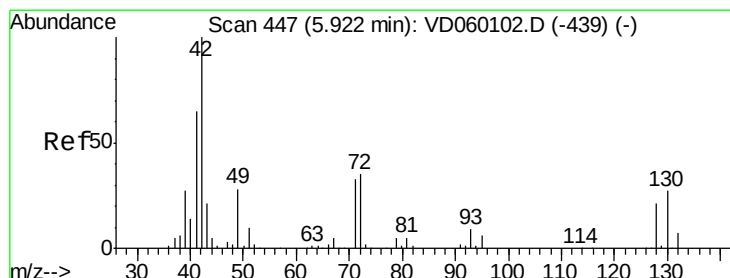
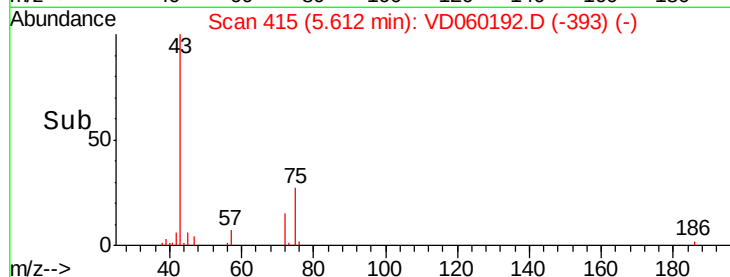
15000

10000

5000

0

Time--> 5.40 5.50 5.60 5.70 5.80



#29

Tetrahydrofuran

Concen: 2.857 ug/l

RT: 5.95 min Scan# 449

Delta R.T. 0.02 min

Lab File: VD060192.D

Acq: 24 Oct 2018 20:04

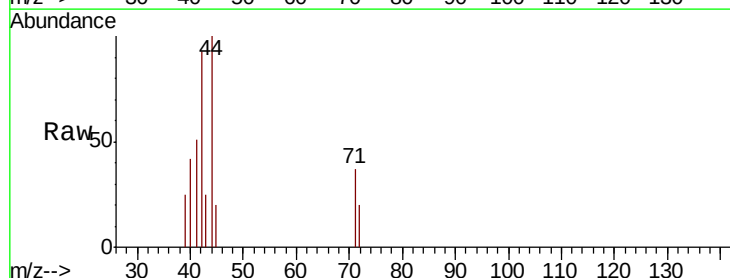
Tgt Ion: 42 Resp: 5189

Ion Ratio Lower Upper

42 100

72 31.2 26.9 40.3

71 29.3 26.7 40.1



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

2500

2000

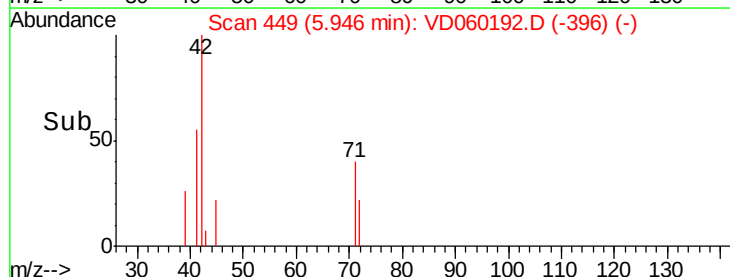
1500

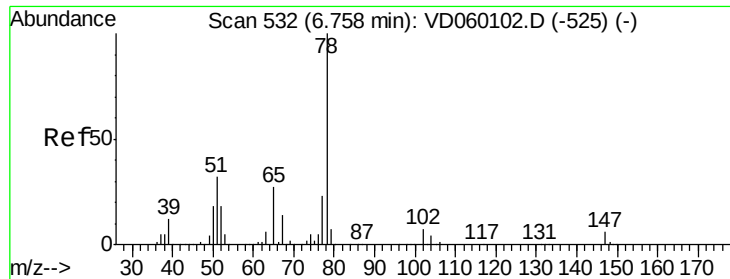
1000

500

0

Time--> 5.85 5.90 5.95 6.00





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. 0.02 min

Lab File: VD060192.D

Acq: 24 Oct 2018 20:04

Instrument :

MSVOA_D

ClientSampleId :

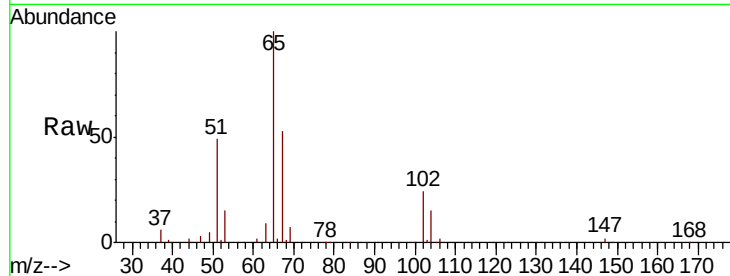
VB16206-VB16207-V236-VB16209-V

Tot Ion: 65 Resp: 292123

Ion Ratio Lower Upper

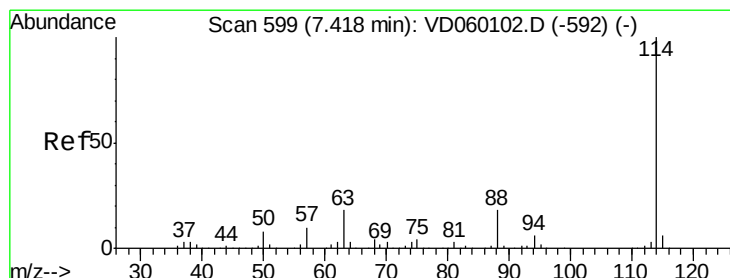
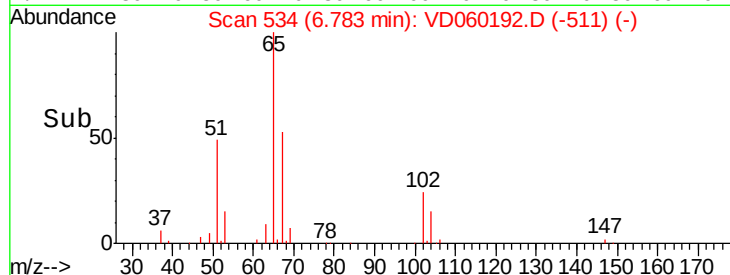
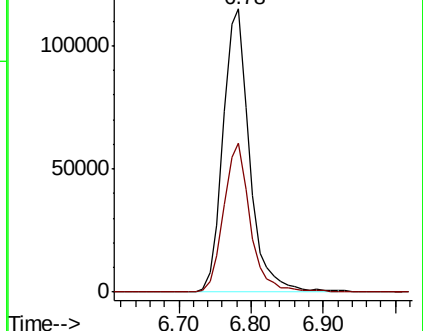
65 100

67 52.8 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.43 min Scan# 600

Delta R.T. 0.01 min

Lab File: VD060192.D

Acq: 24 Oct 2018 20:04

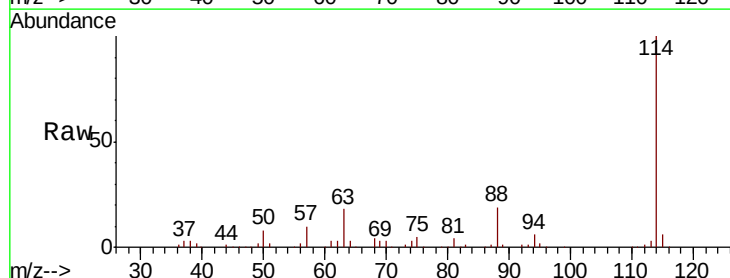
Tgt Ion: 114 Resp: 899293

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.0

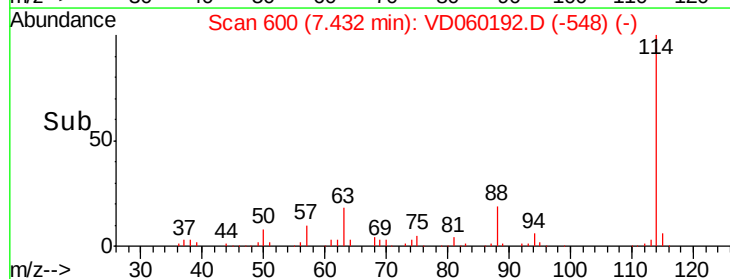
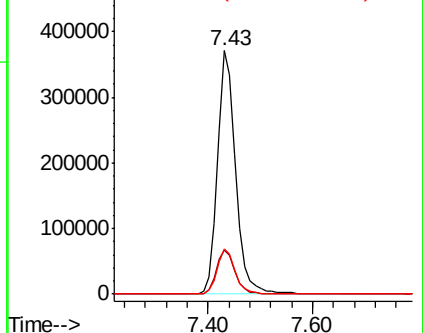
88 18.5 0.0 36.2

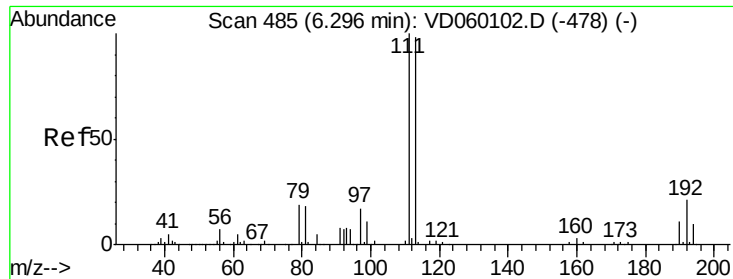


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

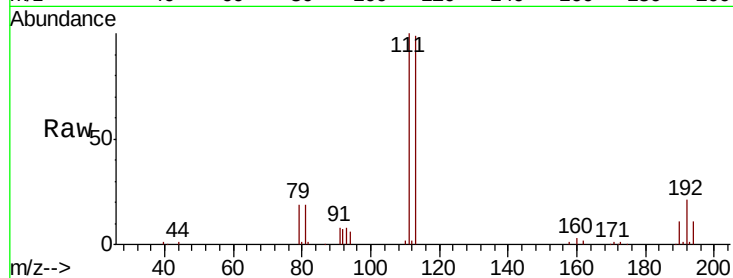




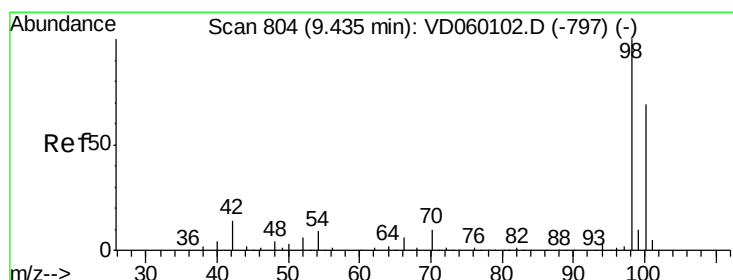
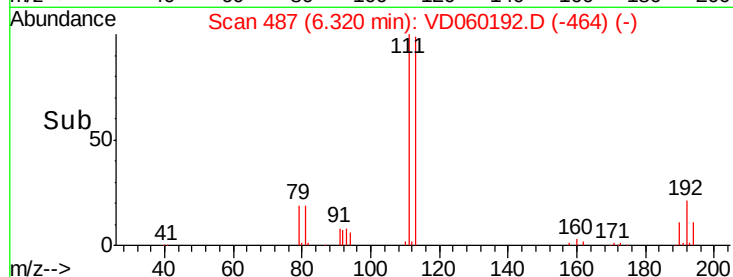
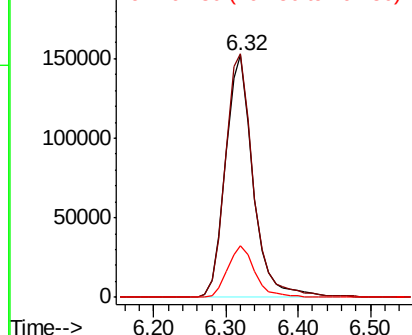
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.32 min Scan# 487
Delta R.T. 0.02 min
Lab File: VD060192.D
Acq: 24 Oct 2018 20:04

Instrument :
MSVOA_D
ClientSampleId :
VB16206-VB16207-V236-VB16209-V

Tot Ion:113 Resp: 403213
Ion Ratio Lower Upper
113 100
111 100.7 81.5 122.3
192 21.1 17.4 26.0

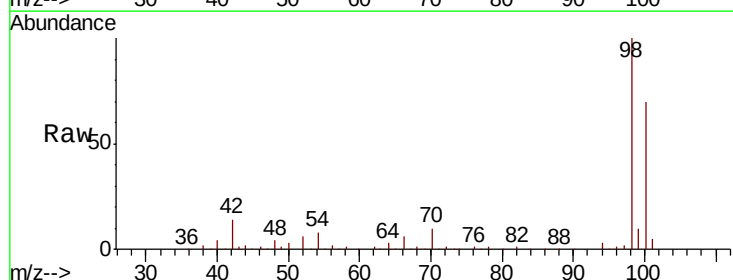


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

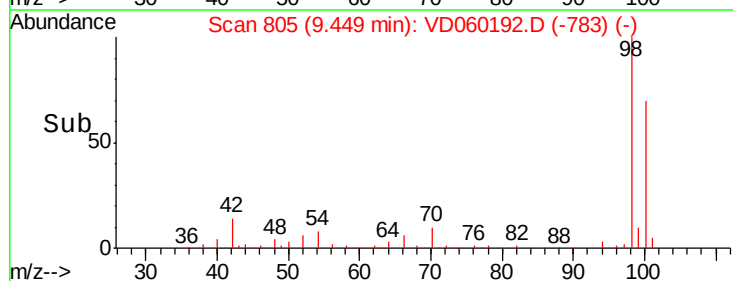
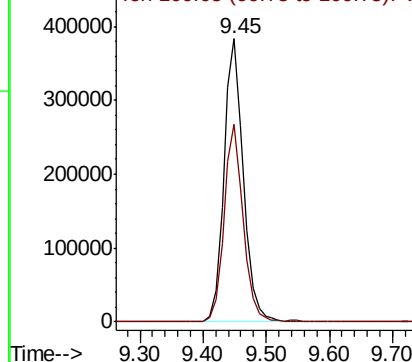


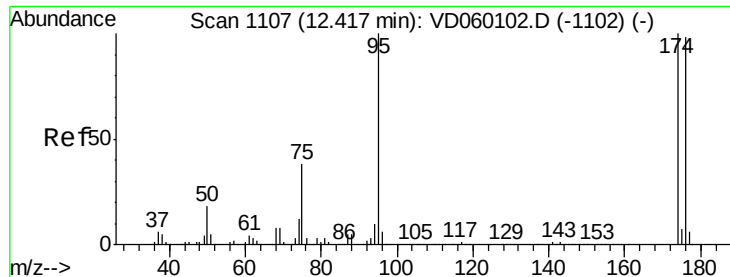
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. 0.01 min
Lab File: VD060192.D
Acq: 24 Oct 2018 20:04

Tgt Ion: 98 Resp: 818084
Ion Ratio Lower Upper
98 100
100 69.7 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VD060192.D

Acq: 24 Oct 2018 20:04

Instrument :

MSVOA_D

ClientSampleId :

VB16206-VB16207-V236-VB16209-V

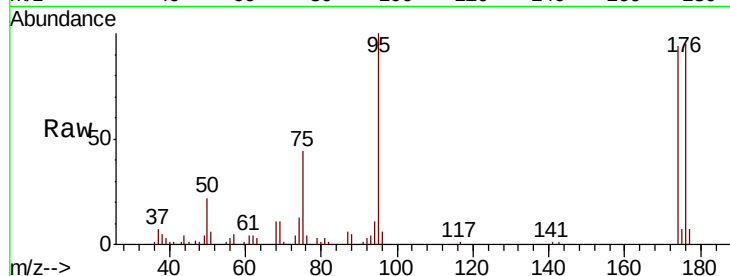
Tot Ion: 95 Resp: 77990

Ion Ratio Lower Upper

95 100

174 93.7 0.0 200.2

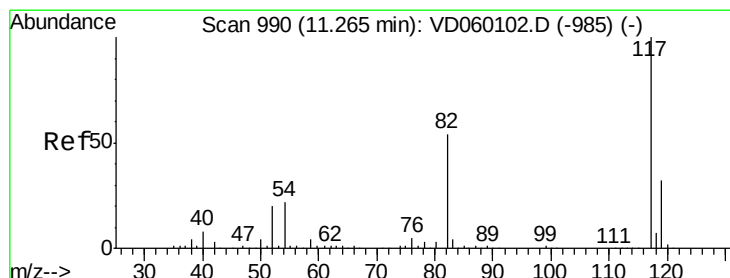
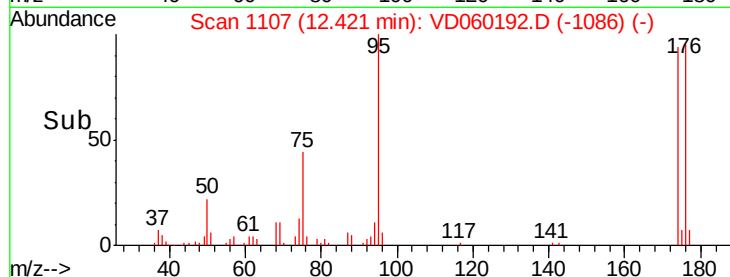
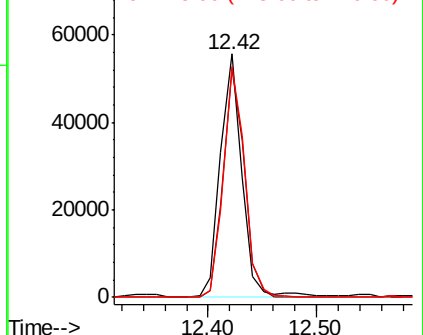
176 94.8 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.28 min Scan# 991

Delta R.T. 0.01 min

Lab File: VD060192.D

Acq: 24 Oct 2018 20:04

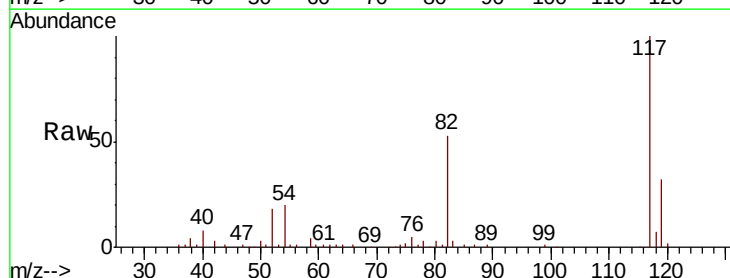
Tgt Ion: 117 Resp: 284797

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.2

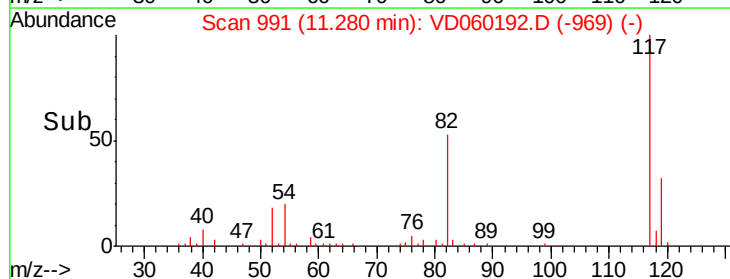
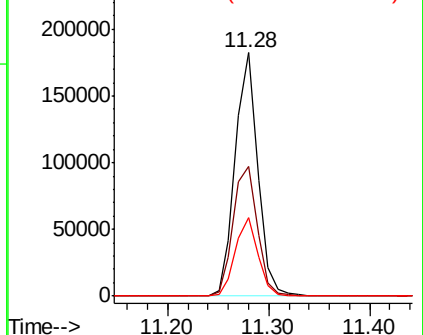
119 32.0 26.0 39.0

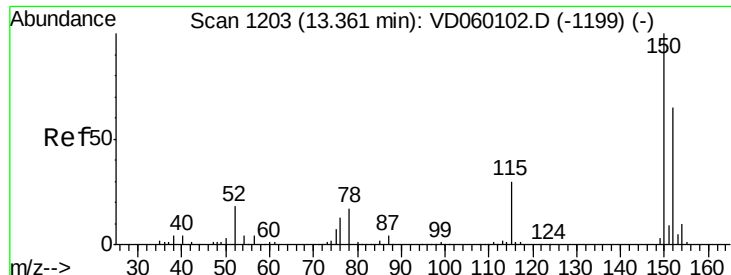


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

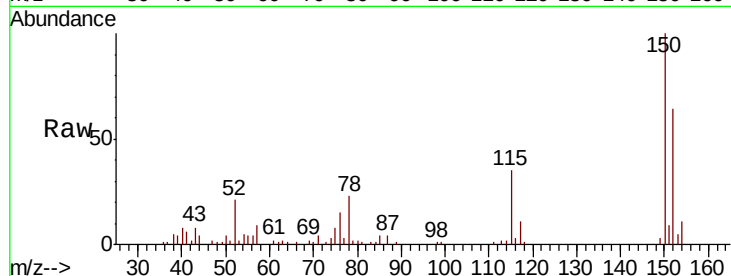




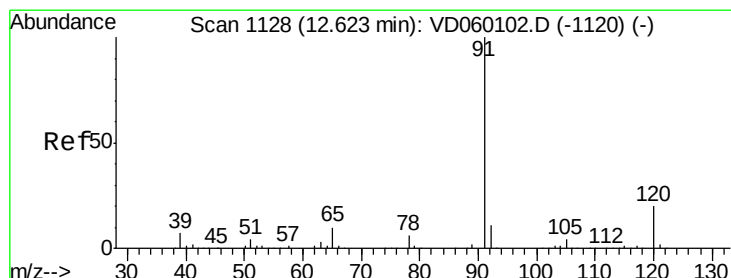
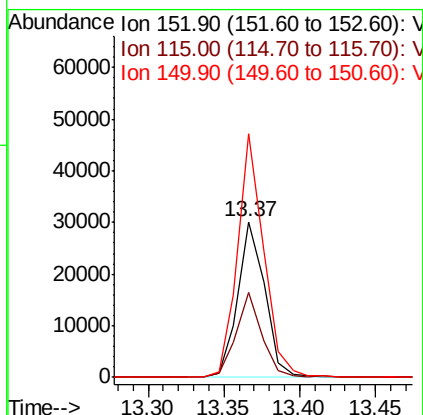
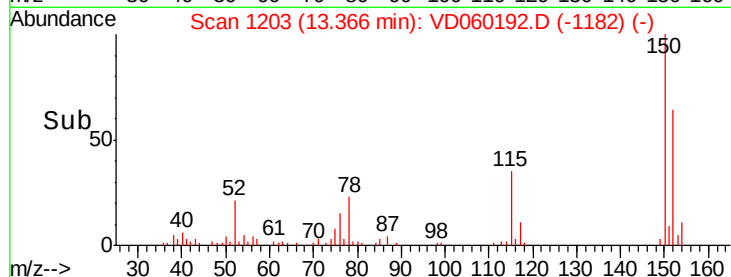
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.37 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: VD060192.D
 Acq: 24 Oct 2018 20:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VB16206-VB16207-V236-VB16209-V

Tot Ion:152 Resp: 37251
 Ion Ratio Lower Upper
 152 100
 115 54.8 27.1 81.2
 150 156.3 0.0 311.8

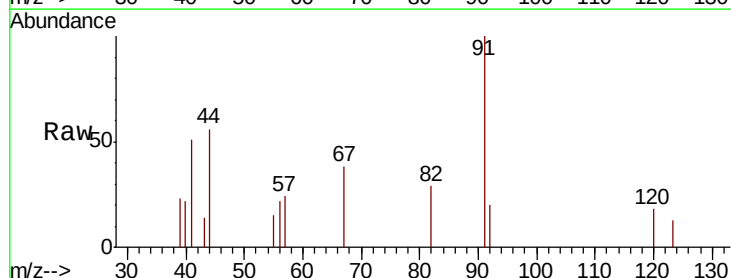


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V

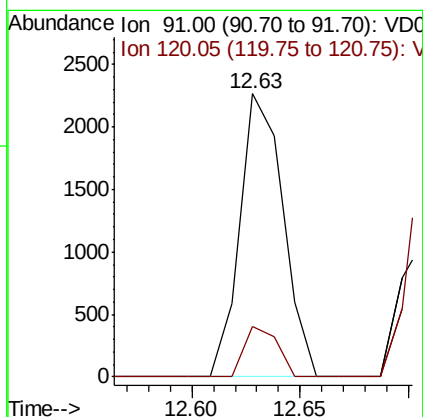
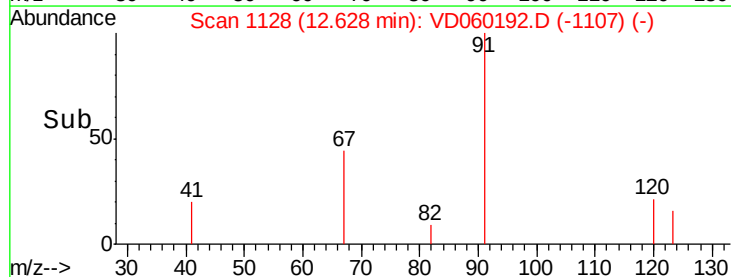


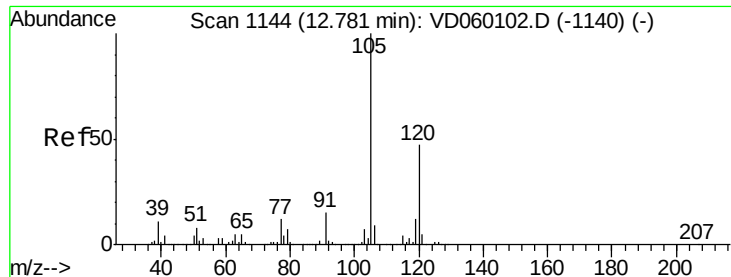
#78
 n-propylbenzene
 Concen: 1.042 ug/l
 RT: 12.63 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VD060192.D
 Acq: 24 Oct 2018 20:04

Tgt Ion: 91 Resp: 3179
 Ion Ratio Lower Upper
 91 100
 120 17.7 10.0 30.0



Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 120.05 (119.75 to 120.75): V





#80

1,3,5-Trimethylbenzene

Concen: 2.752 ug/l

RT: 12.79 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VD060192.D

Acq: 24 Oct 2018 20:04

Instrument :

MSVOA_D

ClientSampleId :

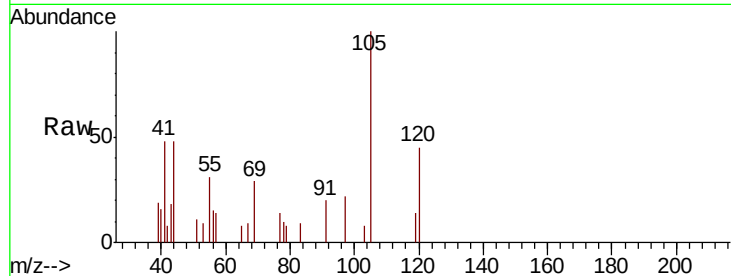
VB16206-VB16207-V236-VB16209-V

Tot Ion:105 Resp: 5235

Ion Ratio Lower Upper

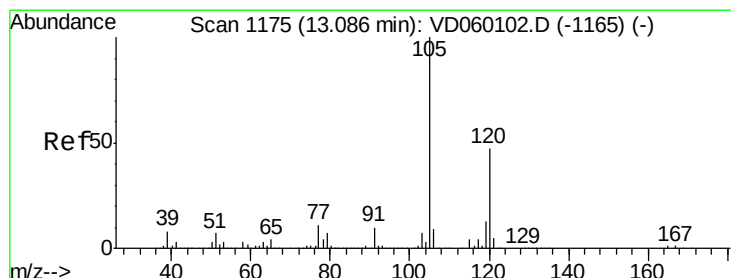
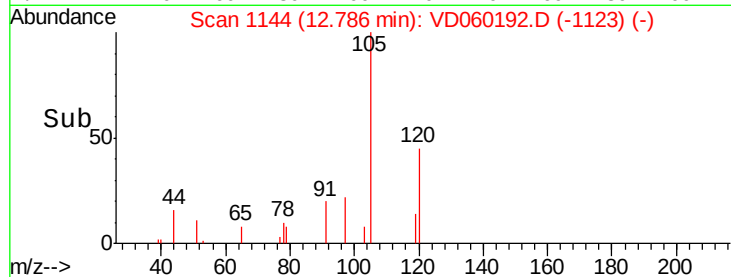
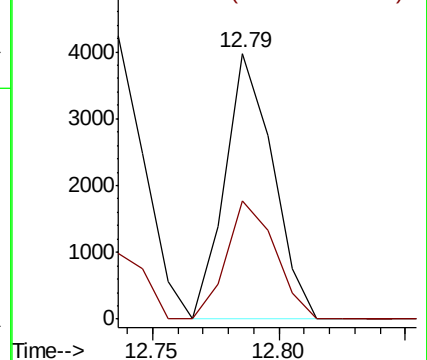
105 100

120 44.6 23.7 71.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#84

1,2,4-Trimethylbenzene

Concen: 5.410 ug/l

RT: 13.09 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VD060192.D

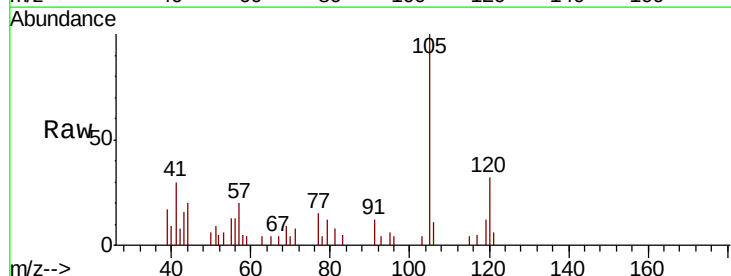
Acq: 24 Oct 2018 20:04

Tgt Ion:105 Resp: 10844

Ion Ratio Lower Upper

105 100

120 32.4 23.4 70.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

